

Comparison Table




For GRT-501, GRT-101 and GRT-402

By Alex, Oct 11, 2007
Initial Release / Internal Use

Model	Planet GRT-501	Planet GRT-101	Planet GRT-402
Hardware			
CPU	SAMSUNG ARM7 S5N8947	Motorola XPC8500DSLZT50BU	SAMSUNG ARM7 S5N8947
RAM	8MByte	2MByte	8MByte
FLASH	2MByte	2MByte	2MByte
Standard	ITU-T G.991.2 rev 2	ITU-T G.991.2	ITU-T G.991.2
Data Rate	192Kbps to 5.7Mbps	192Kbps to 2.3Mbps	64Kbps to 2.3Mbps (2 wire) 128Kbps to 4.6Mbps (4 wire)
DSL Interface	1x RJ-45 One pair (2-wire)	1x RJ-45 One pair (2-wire)	1x RJ-45 One pair (4-wire)
LAN Interface	1x RJ-45 10/100M Auto MDI/MDIX	1x RJ-45 10/100M Auto MDI/MDIX	4x RJ-45 10/100M Auto MDI/MDIX
Console Interface	RS-232	RS-232	RS-232
Reset Button	Yes	Yes	Yes
Power	9V DC, 1.0A	9V DC, 1.0A	9V DC, 1.0A
Software			
Management	Web, Console, Telnet	Web, Console, Telnet	Web, Console, Telnet
SNMP Management	SNMPv1/v2 & MIB-II	SNMPv1/v2 & MIB-II	SNMPv1/v2 & MIB-II
Bridging	802.1d Transparent bridging	802.1d Transparent bridging	802.1d Transparent bridging
Routing	Static routing & RIPv1/v2	Static routing & RIPv1/v2	Static routing & RIPv1/v2
NAT	Yes	Yes	Yes
Virtual Server	10	10	10
DMZ	Yes	Yes	Yes
DHCP Server	Yes	Yes	Yes
Spanning Tree Protocol	Yes	No	No
VPN	IPSec/PPTP/L2TP Passthrough	IPSec/PPTP/L2TP Passthrough	IPSec/PPTP/L2TP Passthrough
VLAN	802.1Q, Port based Vlan	No	802.1Q, Port based Vlan

Comparison Table

For GRT-501, ZyXEL P791Rv2, Nexcomm NM520

Model	Planet GRT-501	ZyXEL P791R v2	Nexcomm NM520
Hardware			
Appearance			
Standard	ITU-T G.991.2 rev2	ITU-T G.991.2 rev2	ITU-T G.991.2 rev2
Encoding	TC-PAM	N/A	TC-PAM
Data Rate	192Kbps to 5.7Mbps	192Kbps to 5.7Mbps	192Kbps to 5.7Mbps
Dimension (W x D x H)	187 x 145 x 33 mm	180 x 127 x 36 mm	142 x 159 x 29 mm
DSL Interface	1x RJ-45 One pair (2-wire)	1x RJ-11 One pair (2-wire)	1x RJ-45 One pair (2-wire)
LAN Interface	1x RJ-45 10/100M Auto MDI/MDIX	1x RJ-45 10/100M Auto MDI/MDIX	1x RJ-45 10/100Mbps Auto MDI/MDIX
Console Interface	RS-232	RJ-45	No
Reset Button	Yes	Yes	No
Power	9V DC, 1.0A	9V AC, 1.0A	5V DC, 2.0A
Software			
ATM	Multiple Protocol over AAL5 VC and LLC multiplexing Classical IP over ATM OAM F5 AIS/RDI and loopback	Multiple Protocol over AAL5 VC and LLC multiplexing OAM F4/F5	No
PPP	PPPoE PPPoA User Authentication with PAP/CHAP/MS-CHAP	PPPoE PPPoA User Authentication with PAP/CHAP/MS-CHAP	No
Management	Web, Console, Telnet	Web, Console, Telnet	Web
SNMP Management	SNMPv1/v2 & MIB-II	SNMP	SNMP
Bridging	802.1d Transparent bridging	802.1d Transparent bridging	802.1d Transparent bridging
Routing	Static routing, RIPv1 / v2	Static routing, RIPv1 / v2	No
NAT	Yes	Yes	No
Virtual Server	Yes	Yes	No
DMZ	Yes	Yes	No
Spanning Tree Protocol	Yes	No	No
DHCP Server	Yes	Yes	No
VPN	IPSec/PPTP/L2TP Passthrough	IPSec/PPTP Passthrough	IPSec/PPTP/L2TP Passthrough
VLAN	Yes	No	Tagged VLAN packet Passthrough